BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of Work:-Improvements to Dhobighat at Ananthapura inward no-03. | **Estimate Cost Rs.** | **10.00 Lakhs**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no141, PWD SR 2016-17)	Cum							
	CC Road		1	14.50	10.50	0.35	53.29		
			1	29.00	16.50	0.35	167.48		
	Drain		1	21.00	1.20	0.80	20.16		
							240.92		
	(-)Deductions for existing water tanks		1	6.60	4.20	0.35	9.70		
			1	14.80	9.00	0.35	46.62		
			1	4.80	4.30	0.35	7.22		
			1	6.80	6.70	0.35	15.95		
							79.49		
							161.43	**96.48**	**15575.00**
	Basic Rate	82.00							
	Add 11% AD-HOC over SR 2016-2017 BasicRates	9.02							
		91.02							
	AAArea Weightage @ 6%	5.46							
	Total	**96.48**							
2	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/sand/ kanker/Moorum. KSRRB M100-1:Placing tipper at loading point,loading with front end loader, dumping, turning for return trip,excluding time for haulage and return trip complete as per specifications (Item no17.1,Page no130,PWD SR 2016-17)	Cum							
			Vide Item No. 1				**161.43**	**110.13**	17778.00
	Basic Rate	68.00							
	Haulage for 8KM lead SRp-140(2.5*1.28*8)	25.60							
	Total	93.60							
	Add 11% AD-HOC over SR 2016-2017 BasicRates	10.30							
	Total	103.90							
	Area Weightage @ 6%	6.23							
	Total	**110.13**							

	KSRRB M2100 PCC 1 KSRRB M2100-10. Plain cement concrete M10 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications MORTH Specification No. 2100 (P No. 218/27.18)	Cum							
	Drain		1	21.00	1.00	0.15	3.15		
	CC Road		1	14.50	10.50	0.15	22.84		
			1	29.00	16.50	0.15	71.78		
							97.76		
	(-)Deductions for existing water tanks		1	6.60	4.20	0.15	4.16		
			1	14.80	9.00	0.15	19.98		
			1	4.80	4.30	0.15	3.10		
			1	6.80	6.70	0.15	6.83		
							34.07		
							63.69	**6628.96**	**422229.00**
	Basic Rate	5634.00							
	Add 11% AD-HOC over SR 2016-2017 BasicRates	619.74							
		6253.74							
	AAArea Weightage @ 6%	375.22							
	Total	**6628.96**							
4	Providing laying palin / reinforced cement concrete for side drains using M20 nominal mix cocrete with OPC at 300 kgs with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed well compacted for walls and bottom including centering , shuttering cost of materials HOM machinery curing etc., complete excluding cost of steel as per MORTH specification No 1500,1700,2200 including cost of materials labours HOM complete as per specification walls & bottom thickness 15 cm (Page. 265 / Item.No. 37.59.2)	Cum							
	Drain bottom concrete		1	21.00	0.90	0.15	2.84		
	Side wall		2	21.00	0.12	0.80	4.03		
							6.87	**8163.25**	**56057.00**
	Basic Rate	6938.00							
	Add 11% AD-HOC over SR 2016-2017 BasicRates	763.18							
		7701.18							
	AAArea Weightage @ 6%	462.07							
	Total	**8163.25**							
5	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications. Specification no KBS 4.6.3,TMT bars Fe55 0(pwd sr2016-17,p.no17,s.no4.46)	Qtl							

	0.07Tonne,s/ cum						0.48	66714.40	32069.00
	Basic Rate	56701.00							
	Add 11% AD-HOC over SR 2016-2017 BasicRates	6237.11							
		62938.11							
	Area Weightage @ 6%	3776.29							
	Total	**66714.40**							
6	Providing and fixing Precast RCC Slabs as Per approved design, specification and Direction Engineer-in-Charge. (Approved Data Rate).	Sqm							
	Covering slabs:-		1	21.00	0.90		18.90		
							18.90	2100.00	39690.00
7	KSRB M2200-5.11.Design mix M20 with OPC cement @320 kgs,with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming to IS9103-1999 Reaffirmed-2008.etc as per specification &direction of the engineer incharge of work (pwd sr2016-17,p.no216,sno28.7.9)	Cum							
	CC Road		1	14.50	10.50	0.100	15.23		
			1	29.00	16.50	0.100	47.85		
							63.08		
	(-)Deductions for existing water tanks		1	6.60	4.20	0.100	2.77		
			1	14.80	9.00	0.100	13.32		
			1	4.80	4.30	0.100	2.06		
			1	6.80	6.70	0.100	4.56		
							22.71		
							40.36	**8413.87**	**339609.00**
	Basic Rate	7151.00							
	Add 11% AD-HOC over SR 2016-2017 BasicRates	786.61							
		7937.61							
	AAArea Weightage @ 6%	476.26							
	Total	**8413.87**							
8	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.(P.No 174, I.No 22.7)	Sqm							
	CC Road		1	14.50	10.50		152.25		
			1	29.00	16.50		478.50		
							630.75		
	(-)Deductions for existing water tanks		1	6.60	4.20		27.72		
			1	14.80	9.00		133.20		
			1	4.80	4.30		20.64		
			1	6.80	6.70		45.56		
							227.12		
							403.63	**105.89**	**42742.00**
	Basic Rate	90.00							
	Add 11% AD-HOC over SR 2016-2017BasicRates	9.90							
		99.90							
	Area Weightage @ 6%	5.99							
	Total	**105.89**							

9	Providing groove cutting for width of 5mm to 10mm and depth 80mm-100 mm including cost of cutting machine, generator & HOM of machinery, including cost of blade,coolant etc., including cleaning of groove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications(P.No 175, I.No 22.8.1)							
		Rmt						
	CC Road		3	10.50		31.50		
			5	16.50		82.50		
						114.00	135.31	15425.00
	Basic Rate	115.00						
	Add 11% AD-HOC over SR 2016-2017 BasicRates	12.65						
		127.65						
	Area Weightage @ 6%	7.66						
	Total	135.31						
10	Miscellaneous charges							18826.00
							Total RS	1000000.00
	(Rupees Ten lakhs only)							

10.00 Lacs

Ten Lacky only

is accorded under head P. 1771 - 2017-18

Registered as CE( ) No

Subject to conditions contained in enclosed memo EE( ) No

JEE/AA/57/17-18 16.2.18

TECHNICALLY SANCTIONED FOR Rupees 10.00 Lakhs

Ten Lacky only

P. 1771 - 2017-18

Registered as CE( ) No

Subject to conditions contained in enclosed memo EE( ) No

JEE/TS/79/17-18 16.2.18 Rs. 10.00 Lacs

Certificate

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2017-18
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward no: 03

Assistant Executive Engineer
Yelahanka New town Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64